frame IFNB G162C-Ig direct fusion construct open reading

- 90 ATGCCTGGGAAGATGGTCGTGATCCTTGGAGCCTCAAATATACTTTTGGATAATGTTTTGCA Z Ø U Ħ
- 120 GCTTCTCAAGCCATGAGCTACAACTTGCATTCCTACAAAGAAGCAGCAATTTTCAG Ø ល R O **,** ĮΞι ტ ᆸ H Z × Ø Z 4 61
- 180 TGTCAGAAGCTCCTGTGGCAATTGAATGGGAGGCTTGAATACTGCCTCAAGGACAGGATG H 田 H ĸ O, Ø ᆸ 121
- 240 AACTTTGACATCCCTGAGGAGGACGCCGCA $N \in D$ I $P \in E$ I $K \notin Q$ L $Q \notin P \in Q$ $K \in D$ A A 181
- 300 TTGACCATCTATGAGATGCTCCAGAACATCTTTGCTATTTTCAGACAAGATTCATCTAGC А Ø [Ł Н d ſΣι Н Z Ø Ä Z M 241
- 360 ACTGGCTGGAATGAGACTATTGTTGAGAACCTCCTGGCTAATGTCTATCATCAGATAAAC T G W N E T T V E N 1, 1, A N V Y H O T N 口 > ż 4 ы Ц 团 臼 z 3 301
- 420 CATCTGAAGACAGTCCTGGAAGAAAACTGGAGAAAGAAGAAGATTTCACCAGGGGAAAACTC ø H ſĿι ė βĤ K 团 H K 臼 臼 H > K 361
- ATGAGCAGTCTGCACCTGAAAGATATTATGGGAGGATTCTGCATTACCTGAAGGCCAAG 480 M S S L H L K R Y Y G R T L H Y L K A K O. œ Ø 421

FIG. 1 A

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600 ATTAACAGACTTACATGTTACCTCCGAAACGTCGACAAAACTCACACATGCCCACCGTGC ρι O 耳 E M А > Z 吖 **川**. þ O ø 541

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720 ACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTGGACGTGAGCCACGAA **>** A > Þ U ٤٦ > 闰 H 民 Ħ 661

780 GACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTGCATAATGCCAAGACA Z 江 > 臼 _O Ω z 闰 721

AAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCTCACCGTCCTG ы > Ø **>** 吖 **>**4 E ß Z O 囟 闰 民

900 CACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAAGCCCTCCCA Ø K 闰 ĸ O Ø 841

960 GCCCCCATCGAGAAACCATCTCCAAAGCCAAAGGGGAGCCCCGAGAACCACAGGTGTAC 耸. O. ø 106

FIG. 1 B

H 闰 1080 AAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGAGCAATGGGCAGCCGGAGAAC Z Ø <u>(</u> 囟 ഗ μ U 1021

1081 AACTACAAGACCACGCCTCCCGTGTTGGACTCCGACGGCTCCTTCTTCCTCTACAGCAAG ξī [z, ഗ O A S H 1200 CTCACCGTGGACAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCAT $\mathbf L$ $\mathbf T$ $\mathbf V$ $\mathbf D$ $\mathbf K$ $\mathbf S$ $\mathbf R$ $\mathbf W$ $\mathbf Q$ $\mathbf Q$ $\mathbf G$ $\mathbf N$ $\mathbf V$ $\mathbf F$ $\mathbf S$ $\mathbf C$ $\mathbf S$ $\mathbf V$ $\mathbf M$ $\mathbf H$ 1141

1257 GAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCCGGGAAATGA Ŋ H Ś H S K ø E × I Z 耳 1201

五句. 1 0

frame IFNB G162C-Ig fusion G4S linker construct open reading

- 9 ATGCCTGGGAAGATGGTCGTGAAGCCTCAAATATACTTTGGATAATGTTTGCA M P G K M V V I L G A S N I L W I M F A
- 120 GCTTCTCAAGCCATGAGCTACAACTTGCATTCCTACAAAGAAGCAGCAATTTTCAG z Ø Ø œ Ø H ſĿι ග ij Z Ø ¥ O 61
- 180 TGTCAGAAGCTCCTGTGGCAATTGAATGGGAGGCTTGAATACTGCCTCAAGGACAGGATG 臼 H O Z H . O 121
- 240 AACTTTGACATCCCTGAGGAGATTAAGCAGCTGCAGCAGTTCCAGAAGGAGGACGCCGCA N F D I P E E I K Q L Q Q F Q K E D A A Ø Ø 181
- 300 TTGACCATCTATGAGATGCTCCAGAACATCTTTGCTATTTTCAGACAAGATTCATCTAGC 241
- 360 ACTGGCTGGAATGAGACTTGTTGAGAACCTCCTGGCTAATGTCTATCATCAGATAAAC T G W N E T I V E N L L A N V Y H Q I N 301
- CATCTGAAGACAGTCCTGGAAGAAAACTGGAGAAAGAAGAAGATTTCACCAGGGGAAAACTC ٤٠ (Z 囟 M 闰 361

FIG. Z.A

- 480 ATGAGCAGTCTGCACCTGAAAAATATTATGGGAGGATTCTGCATTACCTGAAGGCCAAG 口 江 421
- 540 GAGTACAGTCACTGGACCATAGTCAGAGTGGAAATCCTAAGGAACTTTTACTTC E Y S H C A W T I V R V E I L R N F Y F 区 囟 > æ Н E ď U 481
- 600 ATTAACAGACTTACATGTTACCTCCGAAACGGCGGTGGTGGCAGCGTCGACAAACTCAC E × A > Ø Ö Ø Q Q z ø Ы U EH Z 541
- 999 ACATGCCCACCCAGCACTCTGGGGGGGCCGTCAGTCTTCCTCTTCCCC T C P P C P A P E L L G G P S V F L F P 601
- 720 CCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTG > > ပ > 田 Д H ĸ Ø Н E I Ė٠ ρ 区 Д K 661
- 780 GACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTG ${\tt D}$ ${\tt V}$ ${\tt N}$ ${\tt M}$ ${\tt Y}$ ${\tt V}$ ${\tt D}$ ${\tt G}$ ${\tt V}$ ${\tt E}$ ${\tt V}$ 3 721
- 840 CATAATGCCAAGACAAAAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGC Z

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- 900 GICCICACCGICCIGCACAGGACIGGCIGAAIGGCAAGGAGIACAAGIGCAAGGICTCC V L I V L H O D W L N G K E Y K C K V S O ω × Z H 3 A Ø 二 > 841
- 960 **AACAAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAAAGGGCAGCCCCGA** U S Н. H 田 Н 901

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SAG.	Ø
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961	

1080 CTGACCTGCTGGTCAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGAAT Ø S 1021

GGGCAGCCGGAGAACAACTACAAGACCACGCCTCCCGTGTTGGACTCCGACGGCTCCTTC ري ريا ريا U S Ω 니 > ф H E: Z z 臼 Ø 1081

TTCCTCTACAGCAACTCACCGTGGACAGCAGCAGCAACGTCTTCTCAF1141

1260 TGCTCCGTGATGCATGAGGCTCTGCACAACAACACGCAGAAGAGCCTCTCCCTGTCT C S V M H E A L H N H Y T O K S L S L S H I 1201

1261 CCCGGGAAATGA 127 P G K * FIG. OC

FIG. 3

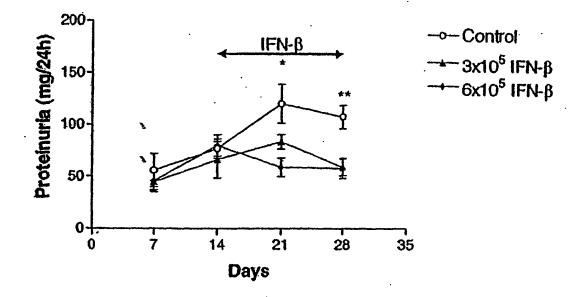


FIG. 4

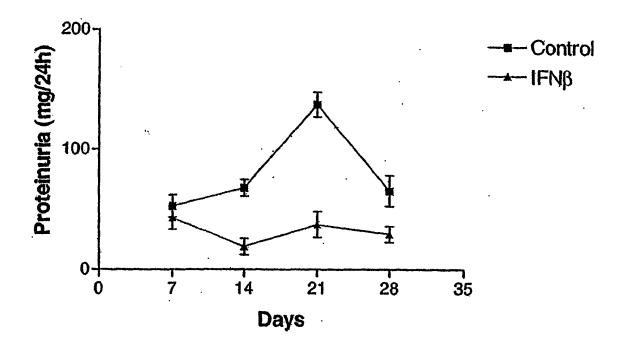


FIG. 5

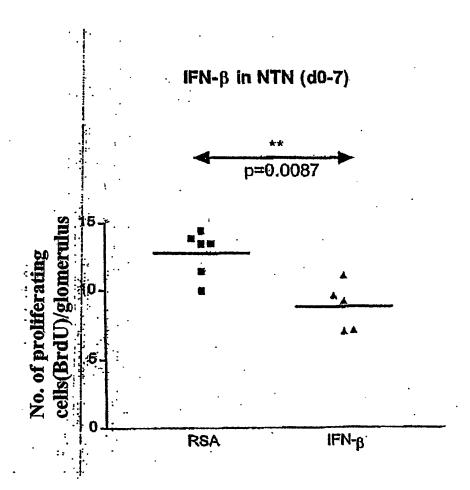


FIG. 6

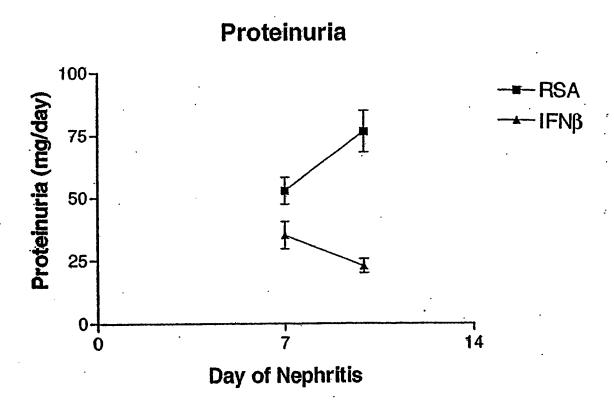


FIG. 7

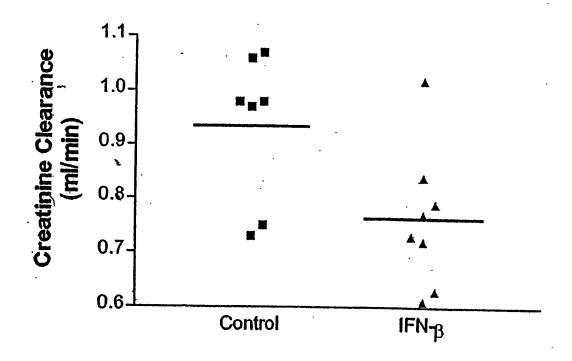


FIG. 8

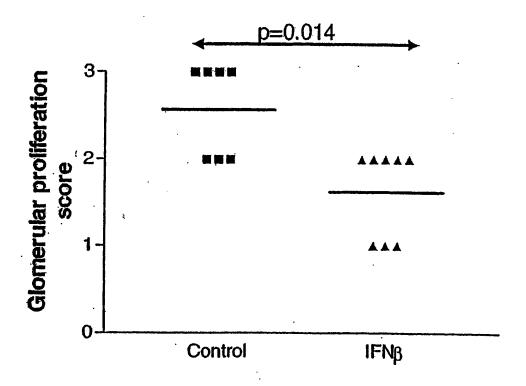
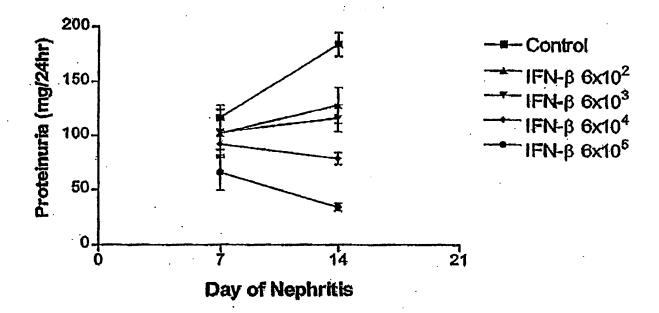


FIG. 9



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